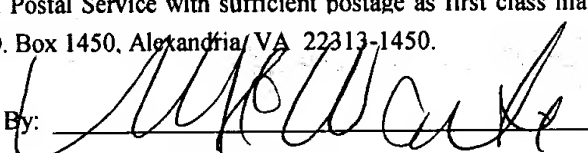


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Michael R. Slater *et al.*
Serial No.: 09/641,319
Filed: 08/18/00
Entitled: Thermophilic DNA Polymerases From *Thermotoga Neapolitana*
Group No.: 1652
Examiner: R. Hutson

AMENDMENT TRANSMITTAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

<p align="center">CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)</p> <p>I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <p>Dated: April 25, 2005</p> <p>By:  Mary Ellen Waite</p>
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Sir or Madam:


Transmitted herewith is an amendment for this application. The fee has been calculated as shown below.

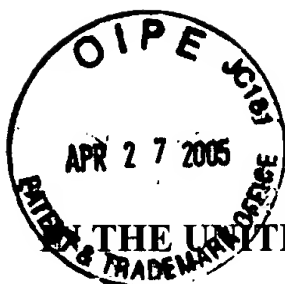
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDITIONAL FEE
Total Claims	15	—	26	0	X	50.00	\$0.00
Independent Claims	7	—	12	0	X	200.00	\$0.00

SUBTOTAL DUE	\$0.00
Three Month Extension of Time	\$1020.00
SUBTOTAL	\$1020.00
TOTAL DUE	<u>\$1020.00</u>

1. A check in the amount of \$1,020.00 is attached.
2. Please charge any additional fees, including any fees necessary for extensions of time, or credit overpayment to Deposit Account No. 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.
3. Petition for extension of time. The undersigned attorney of record hereby petitions for an extension of time pursuant to 37 C.F.R. 1.136, as may be required, to file this response.

Dated: April 25, 2005

By: 
David A. Casimir
Registration No. 42,395
MEDLEN & CARROLL, LLP
101 Howard Street, Suite 350
San Francisco, California 94105
(608) 218-6900



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Slater, et al.

Group No.: 1652

Serial No.: 09/641,319

Examiner: R. Hutson

Filed: 08/18/2000

Entitled: **Thermophilic DNA Polymerases From Thermotoga
Neapolitana**

RESPONSE TO OFFICE ACTION MAILED OCTOBER 25, 2004

Mail Stop Non-Fee Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8(a)(1)(i)(A)

I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 4-25-05

By: 

Mary Ellen Waite

Dear Examiner Hutson:

The following communication is responsive to the Office Action mailed October 25, 2004, due on or before April 25, 2004. A three-month extension of time is filed herewith. The Applicants respectfully request reconsideration of the Application in view of the following amendments and remarks.